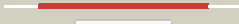



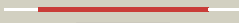



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3168 (-) _3536099_3537235
Date	Thu Aug 8 16:20:35 BST 2019
Unique Job ID	fbf1de0e1eb43f73

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3attA_	 Alignment		100.0	100	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of rv3168 with atp
2	c3dxaA_	 Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: putative acyl-coa dehydrogenase; PDBTitle: crystal structure of a putative aminoglycoside phosphotransferase2 (reut_a1007) from ralstonia eutropha jmp134 at 2.32 a resolution
3	c3ovcA_	 Alignment		100.0	17	PDB header: transferase/antibiotic Chain: A: PDB Molecule: hygromycin-b 4-o-kinase; PDBTitle: crystal structure of aminoglycoside phosphotransferase aph(4)-ia
4	c5uxbA_	 Alignment		100.0	16	PDB header: transferase Chain: A: PDB Molecule: macrolide 2'-phosphotransferase mphh; PDBTitle: crystal structure of macrolide 2'-phosphotransferase mphh from2 brachybacterium faecium, apoenzyme
5	c6ef6A_	 Alignment		100.0	14	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of the microcompartment-associated aminopropanol kinase
6	c3csvA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: crystal structure of a putative aminoglycoside phosphotransferase2 (yp_614837.1) from silicibacter sp. tm1040 at 2.15 a resolution
7	c5igrA_	 Alignment		100.0	18	PDB header: transferase/antibiotic Chain: A: PDB Molecule: macrolide 2'-phosphotransferase; PDBTitle: macrolide 2'-phosphotransferase type i - complex with gdp and2 oleandomycin
8	c3lzhA_	 Alignment		100.0	11	PDB header: transferase Chain: A: PDB Molecule: aph(2'')-id/aph(2'')-iva; PDBTitle: crystal structure of aminoglycoside phosphotransferase aph(2'')-2 id/aph(2'')-iva
9	c4h05B_	 Alignment		100.0	20	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside-o-phosphotransferase viii; PDBTitle: crystal structure of aminoglycoside-3'-phosphotransferase of type viii
10	c3tdvB_	 Alignment		100.0	17	PDB header: transferase Chain: B: PDB Molecule: gentamicin resistance protein; PDBTitle: structure of the gdp complex of wild-type aminoglycoside 2'-2 phosphotransferase-iiiia
11	c3jr1A_	 Alignment		100.0	15	PDB header: transferase Chain: A: PDB Molecule: putative fructosamine-3-kinase; PDBTitle: crystal structure of putative fructosamine-3-kinase (yp_719053.1) from2 haemophilus somnus 129pt at 2.32 a resolution

12	c6fucA_	Alignment		100.0	15	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of aminoglycoside phosphotransferase aph(3"-id from2 streptomyces rimosus atcc10970
13	c3r78B_	Alignment		100.0	16	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 3'-phosphotransferase apha1-iab; PDBTitle: crystal structure of the aminoglycoside phosphotransferase aph(3')-ia,2 atp-bound
14	d1j7la_	Alignment		100.0	16	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
15	c5igwA_	Alignment		100.0	15	PDB header: transferase Chain: A: PDB Molecule: macrolide 2'-phosphotransferase ii; PDBTitle: macrolide 2'-phosphotransferase type ii - complex with gdp and2 clarithromycin
16	c3f7wA_	Alignment		100.0	17	PDB header: transferase Chain: A: PDB Molecule: putative fructosamine-3-kinase; PDBTitle: crystal structure of putative fructosamine-3-kinase (yp_290396.1) from2 thermobifida fusca yx-er1 at 1.85 a resolution
17	d1nd4a_	Alignment		100.0	16	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
18	d2pula1	Alignment		100.0	16	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
19	c2pywA_	Alignment		100.0	18	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: structure of a. thaliana 5-methylthioribose kinase in complex with adp2 and mtr
20	d2ppqa1	Alignment		100.0	13	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
21	d1zyla1	Alignment	not modelled	100.0	14	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
22	c4r77A_	Alignment	not modelled	100.0	12	PDB header: transferase Chain: A: PDB Molecule: choline kinase; PDBTitle: crystal structure of choline kinase lica from streptococcus pneumoniae
23	c3mesB_	Alignment	not modelled	100.0	12	PDB header: transferase Chain: B: PDB Molecule: choline kinase; PDBTitle: crystal structure of choline kinase from cryptosporidium2 parvum iowa ii, cgd3_2030
24	c3c5iD_	Alignment	not modelled	100.0	11	PDB header: transferase Chain: D: PDB Molecule: choline kinase; PDBTitle: crystal structure of plasmodium knowlesi choline kinase, pkh_134520
25	c4orkB_	Alignment	not modelled	100.0	9	PDB header: transferase Chain: B: PDB Molecule: bifunctional aac/aph; PDBTitle: crystal structure of the phosphotransferase domain of the bifunctional2 aminoglycoside resistance enzyme aac(6')-ie-aph(2"-ia
26	c3hamA_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of the gentamicin-aph(2"-iia complex
27	c1nw1A_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: choline kinase (49.2 kd); PDBTitle: crystal structure of choline kinase
28	d1nw1a_	Alignment	not modelled	100.0	19	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Choline kinase
						PDB header: transferase

29	c4ockA	Alignment	not modelled	99.9	11	Chain: A: PDB Molecule: n-acetylhexosamine 1-phosphate kinase; PDBTitle: n-acetylhexosamine 1-phosphate kinase in complex with glcnac and2 amppnp
30	c2iq7A	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: choline/ethanolamine kinase; PDBTitle: crystal structure of human choline kinase b
31	c3dxqB	Alignment	not modelled	99.9	15	PDB header: transferase Chain: B: PDB Molecule: choline/ethanolamine kinase family protein; PDBTitle: crystal structure of choline/ethanolamine kinase family protein2 (np_106042.1) from mesorhizobium loti at 2.55 a resolution
32	c3f2rA	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha in complex with2 hemicholinium-3
33	c3i0oA	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: spectinomycin phosphotransferase; PDBTitle: crystal structure of spectinomycin phosphotransferase,2 aph(9)-ia, in complex with adp and spectinomycin
34	c2ckpA	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha-2 in2 complex with adp
35	c2ckpB	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha-2 in2 complex with adp
36	c2q83A	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: ytaa protein; PDBTitle: crystal structure of ytaa (2635576) from bacillus subtilis at 2.50 a2 resolution
37	c3f2rB	Alignment	not modelled	99.8	17	PDB header: transferase Chain: B: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha in complex with2 hemicholinium-3
38	c2qg7A	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: ethanolamine kinase pv091845; PDBTitle: plasmodium vivax ethanolamine kinase pv091845
39	c4pdyA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: crystal structure of aminoglycoside phosphotransferase from2 alicyclobacillus acidocaldarius subsp. acidocaldarius dsm 446
40	c5jy7K	Alignment	not modelled	99.8	14	PDB header: isomerase/transferase Chain: K: PDB Molecule: maltokinase; PDBTitle: complex of mycobacterium smegmatis trehalose synthase with maltokinase
41	c4o7oB	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: maltokinase; PDBTitle: crystal structure of mycobacterium tuberculosis maltose kinase mak
42	c5jy7I	Alignment	not modelled	99.6	12	PDB header: isomerase/transferase Chain: I: PDB Molecule: maltokinase; PDBTitle: complex of mycobacterium smegmatis trehalose synthase with maltokinase
43	c4wzyA	Alignment	not modelled	99.6	18	PDB header: transferase Chain: A: PDB Molecule: maltokinase; PDBTitle: structure of mycobacterial maltokinase, the missing link in the2 essential glge-pathway (atp complex)
44	c3en9B	Alignment	not modelled	99.5	15	PDB header: hydrolase Chain: B: PDB Molecule: o-sialoglycoprotein endopeptidase/protein kinase; PDBTitle: structure of the methanococcus jannaschii kae1-bud32 fusion2 protein
45	c2pziA	Alignment	not modelled	99.3	20	PDB header: transferase Chain: A: PDB Molecule: probable serine/threonine-protein kinase pkng; PDBTitle: crystal structure of protein kinase pkng from mycobacterium2 tuberculosis in complex with tetrahydrobenzothiophene ax20017
46	c4pedA	Alignment	not modelled	99.2	10	PDB header: transferase Chain: A: PDB Molecule: chaperone activity of bc1 complex-like, mitochondrial; PDBTitle: mitochondrial adck3 employs an atypical protein kinase-like fold to2 enable coenzyme q biosynthes
47	c6hwB	Alignment	not modelled	99.1	15	PDB header: transferase Chain: B: PDB Molecule: glucosamine kinase; PDBTitle: glucosamine kinase in complex with glucosamine, adp and inorganic2 phosphate
48	c5yk2A	Alignment	not modelled	99.1	18	PDB header: transport protein Chain: A: PDB Molecule: probable conserved atp-binding protein abc transporter; PDBTitle: the complex structure of rv3197-erythromycin from mycobacterium2 tuberculosis
49	c6g51v	Alignment	not modelled	99.1	17	PDB header: ribosome Chain: V: PDB Molecule: 40s ribosomal protein s21; PDBTitle: cryo-em structure of a late human pre-40s ribosomal subunit - state d
50	c6fdnA	Alignment	not modelled	99.0	17	PDB header: nuclear protein Chain: A: PDB Molecule: serine/threonine-protein kinase rio2; PDBTitle: rio2 structure
51	c6g4jA	Alignment	not modelled	98.8	18	PDB header: transferase Chain: A: PDB Molecule: probable serine/threonine-protein kinase yabt; PDBTitle: structure of the protein kinase yabt from bacillus subtilis in complex2 with an alpharep crystallization helper
52	c4uw0A	Alignment	not modelled	98.8	17	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: low resolution structure of wbdd with c-terminal bundle ordered to2 residue 505
53	c6dfIA	Alignment	not modelled	98.7	17	PDB header: hydrolase Chain: A: PDB Molecule: lipopolysaccharide core heptose(i) kinase

53	c0u1fA	Alignment	not modelled	98.7	17	rfap; PDBTitle: waap in complex with acyl carrier protein
54	c4azwA	Alignment	not modelled	98.7	16	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: crystal structure of monomeric wbdd.
55	c5ebzF	Alignment	not modelled	98.7	16	PDB header: transferase/transferase inhibitor Chain: F: PDB Molecule: inhibitor of nuclear factor kappa-b kinase subunit alpha; PDBTitle: crystal structure of human ikk1
56	c4azsA	Alignment	not modelled	98.7	22	PDB header: transferase Chain: A: PDB Molecule: methyltransferase wbdd; PDBTitle: high resolution (2.2 a) crystal structure of wbdd.
57	c4c0tA	Alignment	not modelled	98.7	16	PDB header: transferase Chain: A: PDB Molecule: likely protein kinase; PDBTitle: candida albicans pkh kinase domain
58	c4ww7A	Alignment	not modelled	98.6	12	PDB header: transferase Chain: A: PDB Molecule: ekc/keops complex subunit bud32; PDBTitle: crystal structure of binary complex bud32-cgj121 in complex with amp
59	c3qa8H	Alignment	not modelled	98.6	18	PDB header: immune system, signaling protein Chain: H: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
60	c3pfqA	Alignment	not modelled	98.5	16	PDB header: transferase Chain: A: PDB Molecule: protein kinase c beta type; PDBTitle: crystal structure and allosteric activation of protein kinase c beta2 ii
61	c2vwiC	Alignment	not modelled	98.5	13	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase osr1; PDBTitle: structure of the osr1 kinase, a hypertension drug target
62	c4im2A	Alignment	not modelled	98.5	15	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of tank-binding kinase 1
63	c3qa8A	Alignment	not modelled	98.5	19	PDB header: immune system, signaling protein Chain: A: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
64	c6ccfB	Alignment	not modelled	98.5	13	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: calcium/calmodulin-dependent protein kinase kinase 1; PDBTitle: crystal structure of the human camkk1a in complex with hesperadin
65	c4czuC	Alignment	not modelled	98.5	16	PDB header: transferase Chain: C: PDB Molecule: cbl-interacting serine/threonine-protein kinase 23; PDBTitle: crystal structure of the kinase domain of cipk23 t190d mutant
66	c2fo0A	Alignment	not modelled	98.5	13	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase abl1 (1b isoform); PDBTitle: organization of the sh3-sh2 unit in active and inactive forms of the2 c-abl tyrosine kinase
67	c4gygA	Alignment	not modelled	98.4	22	PDB header: transferase Chain: A: PDB Molecule: rio2 kinase; PDBTitle: crystal structure of the rio2 kinase from chaetomium thermophilum
68	c1tqmA	Alignment	not modelled	98.4	20	PDB header: ribosome Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of a. fulgidus rio2 serine protein kinase bound to2 amppnp
69	d1zara2	Alignment	not modelled	98.4	20	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: RIO1-like kinases
70	c2j0kB	Alignment	not modelled	98.4	11	PDB header: transferase Chain: B: PDB Molecule: focal adhesion kinase 1; PDBTitle: crystal structure of a fragment of focal adhesion kinase containing2 the ferm and kinase domains.
71	c4yhjA	Alignment	not modelled	98.4	18	PDB header: transferase Chain: A: PDB Molecule: g protein-coupled receptor kinase 4; PDBTitle: structure and function of the hypertension variant a486v of g protein-2 coupled receptor kinase 4 (grk4)
72	c3q60A	Alignment	not modelled	98.4	15	PDB header: transferase Chain: A: PDB Molecule: rop5b; PDBTitle: crystal structure of virulent allele rop5b pseudokinase domain bound2 to atp
73	c4ci6B	Alignment	not modelled	98.3	18	PDB header: transferase/structural protein Chain: B: PDB Molecule: protein kinase yopo; PDBTitle: mechanisms of crippling actin-dependent phagocytosis by yopo
74	c5uuuA	Alignment	not modelled	98.3	16	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: design, synthesis, and evaluation of the first selective and potent g-2 protein-coupled receptor kinase 2 (grk2) inhibitor for the potential3 treatment of heart failure
75	c5dfzB	Alignment	not modelled	98.3	14	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase vps15; PDBTitle: structure of vps34 complex ii from s. cerevisiae.
76	c4eutA	Alignment	not modelled	98.3	15	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of bx-795 complexed with unphosphorylated human tbk1 kinase-2 uld domain
77	c1oplA	Alignment	not modelled	98.3	12	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
78	c3ckxA	Alignment	not modelled	98.3	19	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase 24; PDBTitle: crystal structure of sterile 20-like kinase 3 (mst3, stk24) in complex2 with staurosporine

79	c4otpA	Alignment	not modelled	98.3	16	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase rio1; PDBTitle: crystal structure of the catalytic domain of the human riok1 atypical2 protein kinase in complex with adp/mg2+
80	c3nyoB	Alignment	not modelled	98.2	18	PDB header: transferase Chain: B: PDB Molecule: g protein-coupled receptor kinase 6; PDBTitle: crystal structure of g protein-coupled receptor kinase 6 in complex2 with amp
81	c4cfhA	Alignment	not modelled	98.2	17	PDB header: transferase Chain: A: PDB Molecule: 5'-amp-activated protein kinase catalytic subunit alpha-1; PDBTitle: structure of an active form of mammalian ampk
82	c4wb7B	Alignment	not modelled	98.2	17	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: dnaj homolog subfamily b member 1,camp-dependent protein PDBTitle: crystal structure of a chimeric fusion of human dnaj (hsp40) and camp-2 dependent protein kinase a (catalytic alpha subunit)
83	c4i6hA	Alignment	not modelled	98.2	18	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase plk2; PDBTitle: selective & brain-permeable polo-like kinase-2 (plk-2) inhibitors that2 reduce alpha-synuclein phosphorylation in rat brain
84	c4eqmE	Alignment	not modelled	98.2	14	PDB header: transferase Chain: E: PDB Molecule: protein kinase; PDBTitle: structural analysis of staphylococcus aureus serine/threonine kinase2 pknb
85	c1ym7C	Alignment	not modelled	98.2	16	PDB header: transferase Chain: C: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: g protein-coupled receptor kinase 2 (grk2)
86	c4o96D	Alignment	not modelled	98.2	19	PDB header: hydrolase Chain: D: PDB Molecule: type iii effector protein kinase; PDBTitle: 2.60 angstrom resolution crystal structure of a protein kinase domain2 of type iii effector nleh2 (ecs1814) from escherichia coli o157:h73 str. sakai
87	c3tkuB	Alignment	not modelled	98.2	17	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: serine/threonine-protein kinase mrck beta; PDBTitle: mrck beta in complex with fasudil
88	c3otvC	Alignment	not modelled	98.2	11	PDB header: transferase Chain: C: PDB Molecule: probable conserved transmembrane protein; PDBTitle: crystal structure of the intracellular domain of rv3910 from2 mycobacterium tuberculosis
89	c4y93A	Alignment	not modelled	98.2	16	PDB header: transferase Chain: A: PDB Molecule: non-specific protein-tyrosine kinase,non-specific protein- PDBTitle: crystal structure of the ph-th-kinase construct of bruton's tyrosine2 kinase (btk)
90	c4wnkA	Alignment	not modelled	98.2	17	PDB header: ligase Chain: A: PDB Molecule: g protein-coupled receptor kinase 5; PDBTitle: crystal structure of bovine g protein coupled-receptor kinase 5 in2 complex with ccg215022
91	c4dn5A	Alignment	not modelled	98.2	21	PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 14; PDBTitle: crystal structure of nf-kb-inducing kinase (nik)
92	c4myiA	Alignment	not modelled	98.2	13	PDB header: transferase Chain: A: PDB Molecule: cgmp-dependent protein kinase, putative; PDBTitle: crystal structure of pvx_084705
93	c1zp9A	Alignment	not modelled	98.2	18	PDB header: transferase Chain: A: PDB Molecule: rio1 kinase; PDBTitle: crystal structure of full-length a.fulgidus rio1 serine kinase bound2 to atp and mn2+ ions.
94	c3c4wB	Alignment	not modelled	98.1	16	PDB header: transferase Chain: B: PDB Molecule: rhodopsin kinase; PDBTitle: crystal structure of g protein coupled receptor kinase 1 bound to atp2 and magnesium chloride at 2.7a
95	c2acxB	Alignment	not modelled	98.1	17	PDB header: transferase Chain: B: PDB Molecule: g protein-coupled receptor kinase 6; PDBTitle: crystal structure of g protein coupled receptor kinase 6 bound to2 amppnp
96	c3c4yA	Alignment	not modelled	98.1	15	PDB header: transferase Chain: A: PDB Molecule: rhodopsin kinase; PDBTitle: crystal structure of apo form of g protein coupled receptor kinase 12 at 7.51a
97	c2ozoA	Alignment	not modelled	98.1	12	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
98	c4cdsA	Alignment	not modelled	98.1	17	PDB header: transferase Chain: A: PDB Molecule: tyrosine kinase as - a common ancestor of src and abl; PDBTitle: tyrosine kinase as - a common ancestor of src and abl
99	c5ckwA	Alignment	not modelled	98.1	10	PDB header: transferase Chain: A: PDB Molecule: legk4; PDBTitle: crystal structure of legk4_ amppnp kinase
100	c1k9aB	Alignment	not modelled	98.1	13	PDB header: transferase Chain: B: PDB Molecule: carboxyl-terminal src kinase; PDBTitle: crystal structure analysis of full-length carboxyl-terminal2 src kinase at 2.5 a resolution
101	c1mruB	Alignment	not modelled	98.1	16	PDB header: transferase Chain: B: PDB Molecule: probable serine/threonine-protein kinase pknb; PDBTitle: intracellular ser/thr protein kinase domain of mycobacterium2 tuberculosis pknb.
102	c5d7vD	Alignment	not modelled	98.1	11	PDB header: transferase Chain: D: PDB Molecule: protein-tyrosine kinase 6; PDBTitle: crystal structure of ptk6 kinase domain
103	c5nclA	Alignment	not modelled	98.0	17	PDB header: signaling protein Chain: A: PDB Molecule: serine/threonine-protein kinase cbk1; PDBTitle: crystal structure of the cbk1-mob2 kinase-coactivator

						complex with an2 ssd1 peptide
104	c4xi2A_	Alignment	not modelled	98.0	13	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase btk; PDBTitle: crystal structure of an auto-inhibited form of bruton's tryrosine2 kinase
105	c6jkmA_	Alignment	not modelled	98.0	9	PDB header: transferase Chain: A: PDB Molecule: mitotic checkpoint control protein kinase bub1; PDBTitle: crystal structure of bubr1 kinase domain
106	c2h8hA_	Alignment	not modelled	98.0	13	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: src kinase in complex with a quinazoline inhibitor
107	c6m7zE_	Alignment	not modelled	98.0	17	PDB header: transferase Chain: E: PDB Molecule: bradyzoite pseudokinase 1; PDBTitle: a divergent kinase lacking the glycine-rich loop regulates membrane2 ultrastructure of the toxoplasma parasitophorous vacuole
108	c4btfA_	Alignment	not modelled	98.0	16	PDB header: transferase Chain: A: PDB Molecule: mixed lineage kinase domain-like protein; PDBTitle: structure of mlkl
109	c6emlr_	Alignment	not modelled	98.0	15	PDB header: ribosome Chain: R: PDB Molecule: 40s ribosomal protein s2; PDBTitle: cryo-em structure of a late pre-40s ribosomal subunit from2 saccharomyces cerevisiae
110	c4bwpA_	Alignment	not modelled	98.0	14	PDB header: gene regulation Chain: A: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan-3; PDBTitle: structure of drosophila melanogaster pan3 pseudokinase
111	c4mvfA_	Alignment	not modelled	97.9	14	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium-dependent protein kinase 2; PDBTitle: crystal structure of plasmodium falciparum cdpk2 complexed with2 inhibitor staurosporine
112	c2c30A_	Alignment	not modelled	97.9	17	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 6; PDBTitle: crystal structure of the human p21-activated kinase 6
113	c4y83B_	Alignment	not modelled	97.9	12	PDB header: transferase Chain: B: PDB Molecule: mitogen-activated protein kinase kinase kinase 8; PDBTitle: crystal structure of cot kinase domain in complex with 5-(2-amino-5-2 (quinolin-3-yl)pyridin-3-yl)-1,3,4-oxadiazole-2(3h)-thione
114	c2y7jB_	Alignment	not modelled	97.9	17	PDB header: transferase Chain: B: PDB Molecule: phosphorylase b kinase gamma catalytic chain, testis/liver PDBTitle: structure of human phosphorylase kinase, gamma 2
115	c3e7eA_	Alignment	not modelled	97.9	10	PDB header: transferase Chain: A: PDB Molecule: mitotic checkpoint serine/threonine-protein kinase bub1; PDBTitle: structure and substrate recruitment of the human spindle checkpoint2 kinase bub
116	c6fdzU_	Alignment	not modelled	97.9	13	PDB header: transferase Chain: U: PDB Molecule: serine/threonine-protein kinase ulk3; PDBTitle: unc-51-like kinase 3 (ulk3) in complex with momelotinib
117	c4bwxB_	Alignment	not modelled	97.9	13	PDB header: gene regulation Chain: B: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan-3; PDBTitle: structure of neurospora crassa pan3 pseudokinase mutant
118	d1o6ya_	Alignment	not modelled	97.9	18	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
119	c2rsvA_	Alignment	not modelled	97.9	18	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase vrk1; PDBTitle: solution structure of human full-length vaccinia related kinase 12 (vrk1)
120	c4fieB_	Alignment	not modelled	97.9	20	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: full-length human pak4